



rtc[®]

COUPLING TECHNOLOGY



072

rtc TYPE



Compatible - Kompatibilität
ISO 16028

Temperature Range - Temperaturbereich
-20°C +100°C (-4°F +212°F) Nitril (N)
-10°C +180°C (+14°F +356°F) FPM (V)

Max. Working Pressure - Max. Betriebsdruck

rtc 072.05	400 bar (5800 PSI)
rtc 072.06	400 bar (5800 PSI)
rtc 072.10	375 bar (5450 PSI)
rtc 072.12	350 bar (3625 PSI)
rtc 072.16	350 bar (5075 PSI)
rtc 072.19	300 bar (4350 PSI)
rtc 072.25	250 bar (4350 PSI)

Flow size - Nennweiten

rtc 072.05	5 mm
rtc 072.06	6 mm
rtc 072.10	10 mm
rtc 072.12	12 mm
rtc 072.16	16 mm
rtc 072.19	19 mm
rtc 072.25	25 mm

Material

Socket Body- Kupplungsgrundkörper	Steel zinc plated - Stahl verzinkt
Sleeve - Hülse	Steel zinc plated - Stahl verzinkt
Valve - Ventil	Steel zinc plated - Stahl verzinkt
Springs - Federn	Stainless steel - Edelstahl
Seal - Dichtung	Nitrile (N)
Balls - Kugeln	Stainless steel - Edelstahl

Plug - Nippel Steel zinc plated - Stahl verzinkt

Using Area

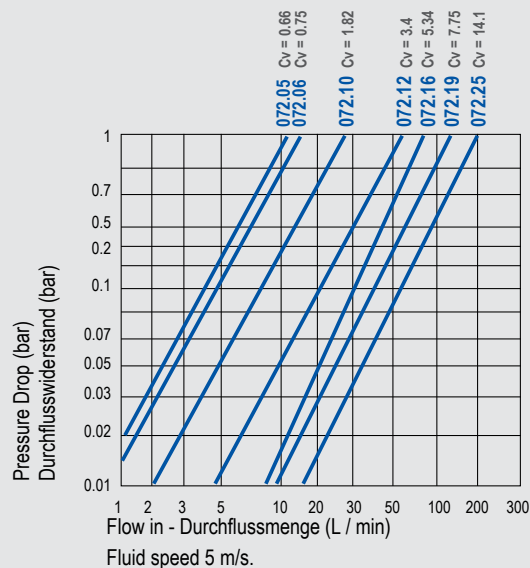
- The system perfectly fits to the ISO 16028 requirements.
- On hydraulic oil circuits
- Hydraulic test units
- Injection moulding industries / core pullers

Anwendungsbereiche

- Anforderungen von ISO 16028
- Hydraulische Verbindungen
- Hydraulik Prüfstände
- Kunststoffindustrie / Kernzüge



Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall

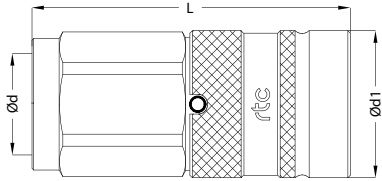


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Female thread socket / Kupplung mit Innengewinde

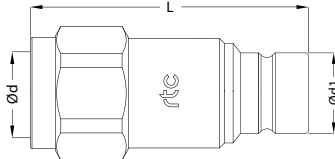


Socket / Kupplung	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	05	072.05 SFB 10	BSP 1/8	20	40	19
		072.05 SNB 10	NPT 1/8	20	40	19
	06	072.06 SFB 13	BSP 1/4	28	58	27
		072.06 SNB 13	NPT 1/4	28	58	27
	10	072.10 SFB 17	BSP 3/8	32	69	30
		072.10 SNB 17	NPT 3/8	32	69	30
		072.10 SFB 21	BSP 1/2	32	74	30
		072.10 SNB 21	NPT 1/2	32	74	30
	12	072.12 SFB 21	BSP 1/2	38	84	36
		072.12 SNB 21	NPT 1/2	38	84	36
	16	072.16 SFB 26	BSP 3/4	42	84	41
		072.16 SNB 26	NPT 3/4	42	84	41
	19	072.19 SFB 33	BSP 1	46	99	46
		072.19 SNB 33	NPT 1	46	99	46
	25	072.25 SFB 33	BSP 1	55	118	55
		072.25 SNB 33	NPT 1	55	118	55

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Female thread plug / Nippel mit Innengewinde



Plugs / Nippel	Size / Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	05	072.05 PFB 10	BSP 1/8	11.5	35	17
		072.05 PNB 10	NPT 1/8	11.5	35	17
	06	072.06 PFB 13	BSP 1/4	16	54	22
		072.06 PNB 13	NPT 1/4	16	54	22
	10	072.10 PFB 17	BSP 3/8	20	60	27
		072.10 PNB 17	NPT 3/8	20	60	27
		072.10 PFB 21	BSP 1/2	20	63	27
		072.10 PNB 21	NPT 1/2	20	63	27
	12	072.12 PFB 21	BSP 1/2	24.5	71	36
		072.12 PNB 21	NPT 1/2	24.5	71	36
	16	072.16 PFB 26	BSP 3/4	27	73	36
		072.16 PNB 26	NPT 3/4	27	73	36
	19	072.19 PFB 33	BSP 1	30	85	46
		072.19 PNB 33	NPT 1	30	85	46
	25	072.25 PFB 33	BSP 1	36	90	50
		072.25 PNB 33	NPT 1	36	90	50